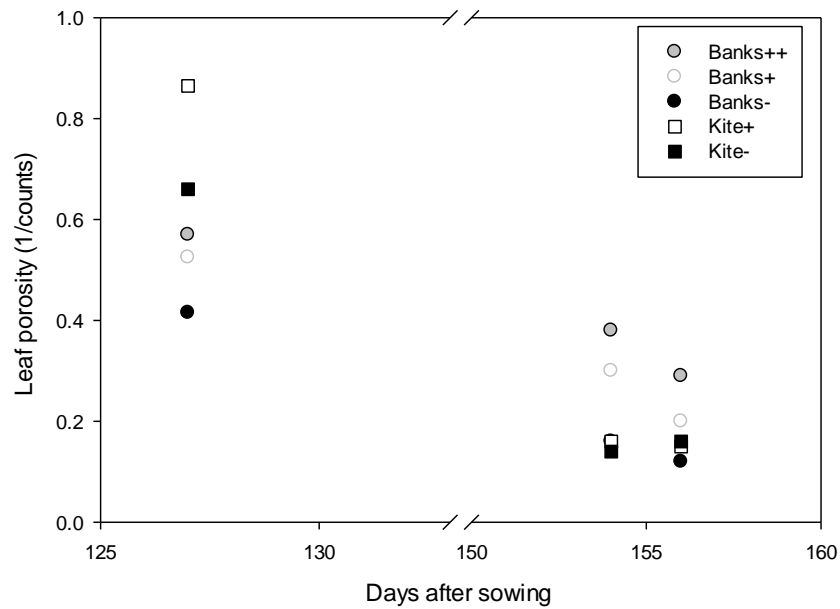
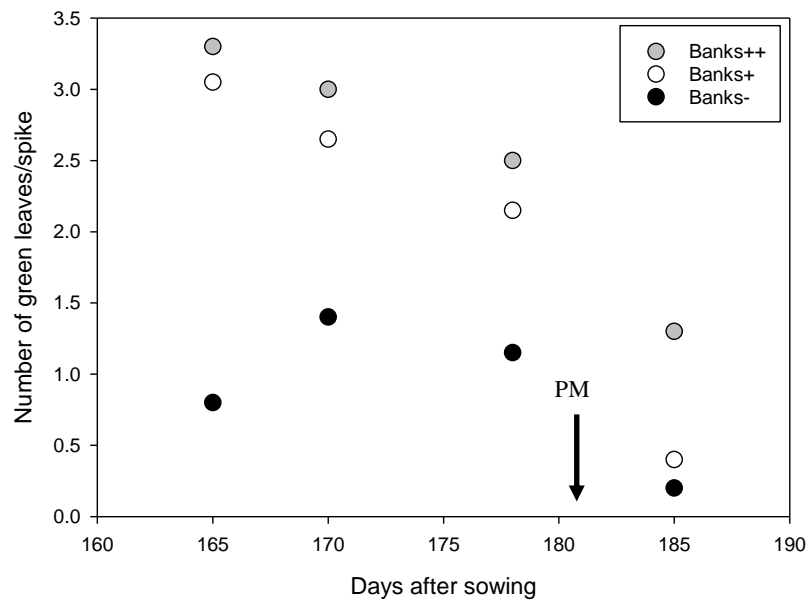


Supp 1. Shoot and root biomass for Banks (○) and Kite (□) tillering NILs (open symbol = +*tin* allele) assessed over multiple sampling dates in 2004 in (a) cool, outdoor and (b) warm glasshouses conditions, respectively. ‘B’ and ‘K’ denote statistical difference between the Banks and Kite *tin* and non-*tin* NILs, respectively, and ‘(B)’ indicates biculm and oligoculm *tin*-containing Banks NILs are statistically different at P = 0.05.



Supp 2. Mean leaf conductance (as 1/leaf porosity) scores for three dates post-anthesis for Banks and Kite tillering NILs. Scores are means for three times on each date. The LSDs for comparing among lines were 0.09, 0.09 and 0.07 for 127, 154 and 156 DAS, respectively.



Supp 3. Numbers of green leaves per spike estimated during and after mid grain-filling for the Banks tillering NILs evaluated in the field in 2004. 'PM' denotes physiological maturity. The LSD for the sample date \times NIL interaction was 0.3.